Index

Issue No. 1 February 1993 1–44
Issue No. 2 May 1993 45–136
Issue No. 3 August 1993 137–216
Issue No. 4 November 1993 217–280

Articles: author index

Balzano, W. ..... 35(1)
Bunke, Horst ..... 74(2)
Drenth, Hilary ..... 60(2)
Gisolfi, A. ..... 35(1)
Grimm, Felix ..... 74(2)
Guvenir, H. Altay ..... 236(4)
Hickman, Frank ..... 103(2)
Hilal, D.K. ..... 91(2)
Holsapple, Clyde W. ..... 102(2)
Jenkins, Peter ..... 173(3)
Katz, Alan ..... 250(4)
Kim, Jun Woo ..... 172(3)
Land, Lise ..... 103(2)
Maniezzo, V. ..... 166(3)
Matson, Jack E. ..... 14(1)
Mellichamp, Joseph M. ..... 14(1)
Miller, Shannon L. ..... 149(3)
Morpurgo, R. ..... 166(3)
Morris, Anne ..... 60(2)
Mussi, S. ..... 166(3)
Nabney, Ian ..... 173(3)
Occeña, Luis G. ..... 149(3)
Polat, Faruk ..... 236(4)
Raghupathi, Wullianallur ..... 28(1)
Raj, Savita ..... 226(4)
Redmond, Richard T. ..... 172(3)
Schkade, Lawrence L. ..... 28(1)
Shekhar, Shashi ..... 236(4)
Soltan, H. ..... 91(2)
Suh, Chang-Kyo ..... 156(3)
Suh, Eui-Ho ..... 156(3)
Thrift, Philip ..... 250(4)
Tseng, Gwyneth ..... 60(2)
Vargas, Juan E. ..... 226(4)
Weistroffer, H. Roland ..... 172(3)
Wu, Jen-Her ..... 102(2)
Wu, Xindong ..... 242(4)

Articles: title index

A blackboard approach to modeling expertise in corporate settlement decisions ..... 15(1)
An expert system for the selection and application of image processing subroutines ..... 61(2)
An object-oriented tool for function point analysis ..... 3(1)
Constructing and consulting the knowledge base of an expert systems shell ..... 29(1)
D-KAT: a deep knowledge acquisition tool ..... 157(3)
Developing maintainable expert systems using case-based reasoning ..... 219(4)
Distributed conflict resolution among cooperating expert systems ..... 227(4)
Expert systems for bond rating: a comparative analysis of statistical, rule based and neural network systems ..... 167(3)
Hybrid neural network classifiers for automatic target detection ..... 243(4)
IEADVISE — An undergraduate course-advising expert system in Industrial Engineering ..... 139(3)
LFA: A linear forward-chaining algorithm for AI production systems ..... 237(4)
Psychological validity of certainty factor algebras: an empirical study ..... 93(2)
The development of an expert system for online company database selection ..... 47(2)
Towards a comprehensive methodology for KBS development ..... 75(2)
Using human factor guidelines for developing expert systems ..... 151(3)

Brief Communications

Advanced technologies survey in the UK finance sector ..... 103(2)
Expert underwriting system at the Norwich Union ..... 178(3)
Rule induction in finance and marketing ..... 173(3)

Features

Division Group plc: the world's first public virtual reality company ..... 253(4)
Knowledge bases: who needs standards? ..... 251(4)
The DTI neural computing technology transfer programme ..... 111(2)
The DTI at Wembley ..... 184(3)
The Neural Network clubs ..... 181(3)
Touche Ross and the DTI initiative ..... 114(2)

Interviews

Bob Stone
by Janet Vaux ..... 117(2)
Constraint logic programming: interview with Mehmet Dincbas and Philip Kay
by Janet Vaux ..... 189(3)

Book reviews

..... 120(2), 192(3), 257(4)

News: items reviewed

ABC (Authoring by Computer) ..... 195(3)
Ada Bridge ..... 265(4)
AppleScript Developer's Toolkit ..... 201(3)
Application Specific Integrated Circuits (ASIC) ..... 126(2)
ART Enterprise ..... 199(3)
BIS/MethodMaster ..... 203(3)
Brain Chaos ..... 206(3)
C-PRS ..... 200(3)
CasePoint ..... 266(4)
Casework ..... 201(3)
CASM workbench ..... 203(3)
CC-CAD (Cabin Configuration — Computer Aided Design) ..... 194(3)
Charme C++ ..... 203(3)
Charme-Object ..... 203(3)
CHIP v.4 ..... 203(3)
CLIM2 for LispWorks ..... 201(3)
Common KADS ..... 38(1)
Common Lisp ..... 39(1)
ConQuest ..... 122(2)
DataFlex 3.03 ..... 202(3)
DataSculptor ..... 127(2), 205(3)
Design Advisor Neural Analyzer (DANA) ..... 127(2)
DIGIBUS ..... 264(4)
ETANN ..... 197(3)
Excel 4.0 ..... 123(2)
FIDE ..... 202(3)
Flex for Windows release 2.0 ..... 38(1)
Forest & Trees ..... 262(4)
G2 ..... 38(1), 265(4)
G2 Diagnostic Assistant ..... 265(4)
GenSheet ..... 205(3)
Handwriter Recognition System ..... 123(2)
HiPWorks ..... 200(3)
IF/Prolog 4.1 for Microsoft Windows ..... 39(1)
Ilog Talk ..... 200(3)
ILOG VIEWS ..... 265(4)
IMRS OnTrack for Hyperion ..... 196(3)
Induce-It ..... 205(3)
INDUCPRL for Level5 Object ..... 201(3)
INFERENCE Expert Marketing and Business Management System ..... 262(4)
Infinity R/T Model 200 ..... 198(3)
Inspection Data Manager ..... 123(2)
Integrated Scheduling System ..... 122(2)
ITASCA/Ada ..... 207(3)
KADS Tool ..... 38(1)
Kappa 3.0 for Unix ..... 199(3)
Kappa CommManager ..... 199(3)
Kingston Case Notes ..... 263(4)
LANSA RUOM ..... 124(2)
Leonardo for Windows ..... 200(3)
Licorne ..... 204(3)
LispWorks ..... 201(3)
M*STAR ..... 262(4)
MATISSE ..... 206(3)
MatLab ..... 124(2)
Medley ..... 125(2)
MicroFPL ..... 125(2)
NDX Neural Accelerator ..... 128(2)
NestorReader ..... 122(2)
Netbuilder ..... 40(1)
NeuCOP ..... 267(4)
NeuFuz4 ..... 126(2)
NeuralWorks Designer Pack ..... 205(3)
NeuralWorks Professional II/Plus ..... 205(3)
NeuroBook ..... 268(4)
NeuroForecaster ..... 205(3)
Neuron Data Elements ..... 199(3)
Nexpert Object ..... 125(2)
NNetSheet-C ..... 205(3)
NOMOS ..... 38(1)
NT5000 ..... 39(1)
NT6000 Interface Library ..... 267(4)
Object/1 ..... 266(4)
ObjectBuilder 2.0 ..... 266(4)
ObjectIQ ..... 265(4)
ODDA ..... 194(3)
Open Genera ..... 201(3), 261(4)
OpenBase ..... 266(4)

OpenKADS ....38(1)
OSCAR (Optical Scanning And Character Recognition)....195(3)
PACE ....195(3)
PEDEX ....37(1)
PROGRESS Version 7 ....202(3)
Prolog for Windows release 2.0 ....38(1)
Prolog III ....204(3)
Prolog++ for Windows release 2.0 ....38(1)
PROMACE 5.0 SCADA ....196(3)
ProVision 100 ....128(2)
Q-104 surveillance system ....197(3)
Quintus Prolog 386 ....125(2)
RAL (Rule-Extended Algorithmic Language) ....204(3)
RealityEngine ....128(2)
ReMind ....39(1)
Rover ....198(3)
RTworks ....125(2)
SELECT ....264(4)
SENN ....204(3)
SENN++ ....204(3)
Sentinel ....197(3)
Smalltalk/V ....266(4)
Smart Elements ....261(4)
SNI Prolog 3.1 ....203(3)
Superscape ....128(2)
TalkingHub ....198(3)
The Intelligent Quality Toolkit ....194(3)
The Monitor for DB2, Version 1.2 ....207(3)
THESYS ....195(3)
Tiger ....37(1)
TIL-Shell version 3.0 ....202(3)
TOUREX ....264(4)
Tsar 2.0 ....202(3)
User-Defined Neuro-Dynamics ....205(3)
VoiceType 2 ....198(3)
VoiceType Control for Windows ....198(3)
WorldToolKit ....128(2), 267(4)
XP50 accelerator card ....206(3)

News: list of developers

Acknosoft ....201(3)
ACS Technologies ....201(3)
Advance ....205(3)
AEA Technology ....264(4)
AI International ....125(2), 204(3)
American NeuraLogix Inc. ....126(2)
Apple Computer Inc. ....201(3)
Aspect Computing ....124(2)
Brown and Root Inc. ....37(1)
Bull CEDIAG ....38(1)
Cap Gemini Sogeti ....38(1)
CMG ....196(3)
Cocking & Drury (Software) Ltd ....266(4)
Cognitive Systems Inc. ....39(1), 265(4)
Communication Intelligence ....123(2)
ConQuest Software ....122(2)
Cosytec ....204(3)
Data Access UK Ltd ....202(3)
Data Sciences (UK) Ltd ....197(3)
Dialogic Corporation ....265(4)
Digitalk ....266(4)
Dimension International ....128(2)
Division ....128(2), 267(4)
EDS-Scicon ....197(3)
ERA Technology ....40(1), 129(2)
EVB Software Engineering, Inc. ....207(3)
Expert Systems Ltd ....124(2), 203, 205(3)
Franz Inc. ....39(1)
Gensym ....38(1), 265(4)
Gray Matter Tech Inc. ....206(3)
Harlequin Ltd ....201(3)
Hitachi Europe ....126(2), 265(4)
Hypersoft Europe ....204(3)
IBM ....198(3)
Ilog ....38(1), 200(3), 265(4)
IMRS ....197(3)
Inductive Solutions Inc. ....123(2)
Inference Consultants ....262(4)
Inference Europe Ltd ....200(3), 264, 266(4)
Infolink Ltd ....196(3)
Integral Solutions Ltd ....200(3)
IntelliCorp ....199(3)
Intelligent Applications ....121(2)
Interface Computer GmbH ....39(1), 261(4)
ISCTE — University of Lisbon ....264(4)
Kendall Square Research Inc. ....206(3)
Landmark Systems Corporation ....207(3)
Logic Programming Associates ....38(1)
Logica ....264(4)
Logica Cambridge Ltd ....40(1)
Marex Technology Ltd ....195, 196(3)
MathWorks ....125(2)
Micro Circuit Engineering Ltd ....40(1)
Micro Data Base Systems ....123(2), 266(4)
Microlex plc ....195(3)
Motorola ....202(3)
National Semiconductor ....127(2)
Nestor ....122(2)
Neural Technologies Ltd ....39, 40(1), 267(4)
NeuralWare ....127(2), 205, 206(3), 267(4)

NeuroData ..... 40(1)
NeuroDynamX ..... 128(2), 206(3)
Neuron Data ..... 125(2), 199(3), 261(4)
NIBS Pte Ltd ..... 205(3)
Oxford Molecular Ltd ..... 202(3)
OXKO Corporation ..... 201(3)
ParcPlace Systems ..... 266(4)
Pear Computing Systems ..... 195(3)
Pilkington Communication Systems Ltd ..... 198(3)
Plessey ..... 122(2)
Prism Technologies ..... 266(4)
Production Systems Technologies, Inc. ..... 204(3)
Progress Software Ltd ..... 203(3)
Prologia ..... 204(3)
Q-COMP ..... 197(3)
Recognition Research Ltd ..... 40(1)
Redifon Technology ..... 39(1)
Scientific Computers ..... 206(3), 265(4)
Scottish Power ..... 121(2)
Sense8 ..... 128(2), 267(4)
Sierra Semiconductor ..... 124(2)
Silicon Graphics ..... 128(2)
Sira Ltd ..... 129(2)
SNI AG ..... 203, 204(3)
Software Directions ..... 196, 200(3)
Speech International Ltd ..... 198(3)
Symbolics Inc. ..... 261(4)
Symbolics Ltd ..... 39(1), 201(3), 261(4)
Symbologic Corporation ..... 123(2)
Talarian ..... 125(2)
The Axon Centre ..... 40(1)
The VR Centre ..... 207(3)
Thinking Machines Corporation ..... 198(3)
Togai InfraLogic Inc. ..... 126(2), 202(3)
Trinzic UK Ltd ..... 262(4)
Venue ..... 125(2)